

TECHNICAL DATA SHEET

DRIVE



GENERAL FEATURES:

Scrubber-drier with washing and fluid vacuum system.
Version: Electric 36V
With operator in front -rear drive position
Wheels: N°1 Front steering and drive, n° 2 rear
Working areas: Washing of medium, indoor and outdoor, private and public

VERSION	Drive T disc brush	Drive T roller brush	Drive 802 S/2	Drive 862 RS/2	Drive 952 S/2
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PERFORMANCES

Max. washing capacity	m ² /h	4000	3500	4000	4300	4750
Scrub path	mm	800	700	800	860	950
Squeegee width	mm	1060	1060	1100	1100	1100
Max. transfer speed	km/h	5	5	7	7	7
Max. reverse speed	km/h	4	4	3,7	3,7	3,7
Max. working speed	km/h	5	5	5	5	5
Max. working gradient	%					
Max. gradient	%	10	10	10	10	10

Approved by Technical Department, Last Update 20/06/2005

1

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NOISE LEVEL (EN ISO 11201/2010)

Sound pressure level in operating position	dB(A)	< 70	< 70	< 70	< 70	< 70
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VIBRATION (EN ISO 13754/2008)

Frequency weighted acceleration value	m/s ²	< 0,5	< 0,5	< 0,5	< 0,5	< 0,5
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BRUSHES

Brush	n°/type	2/disc (A)	2/roller (B)	2/disc	2/roller	2/disc
Brush position		main	main	main	main	main
Turning speed	rpm	210	810	205	810	205
Pressure	kg	30	55	55	55	55
Lifting system	type	electric	electric	electric	electric	electric
Diameter	mm	410	140	410	140	490

SQUEEGEE

Squeegee	type	floating	floating	floating	floating	floating
Lifting and lowering	type	electric - automatic	electric - automatic	electric - automatic	electric - automatic	electric - automatic

TANKS

Solution tank	lt	116	116	116	116	116
Recovery tank	lt	121	121	121	121	121
Refuse container capacity	lt		8		10	
Vacuum-operated	mm/H ₂ O	1600	1600	1600	1600	1600

STEERING

Steering wheel						
(with pinion and crown gear) on front wheel	type	mechanic	mechanic	mechanic	mechanic	mechanic
Minimum "U"-turn space	mm	2100				2300

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ELECTRIC MOTORS

Drive motor						
Make		METALROTA	METALROTA	METALROTA	METALROTA	METALROTA
Model	type	MR 250	MR 250	MR 245	MR 245	MR 245
Nominal power	n°/V/W	1-36-800	1-36-800	1-36-900	1-36-900	1-36-900
Brushes rotation motors						
Make		CIMA	AMER	AMER	AMER	AMER
Model	type	-	MP80M	MP80M	MP80M	MP80M
Nominal power	n°/V/W	1-36-1000	2-36-600	2-36-600	2-36-600	2-36-600
Vacuum motor						
Make		ELETTROMECCANICA DELLE DONNE				
Model	type	ED TG TRS V36 H38				
Nominal power	n°/V/W	1-36-600	1-36-600	1-36-600	1-36-600	1-36-600
Total power	W	2400	2600	2700	2700	2700

BATTERY

Quantity and capacity of the battery	n°-V-Ah	1-36-320	1-36-320	1-36-320	1-36-320	1-36-320
Battery dimension (length-width-height)	mm	760X410X460	760X410X460	760X410X460	760X410X460	760X410X460
Battery water	type	distilled water	distilled water	distilled water	distilled water	distilled water
Autonomy	h	4*	4*	4*	4*	4*

**(Caution! Autonomy depends on the type of battery and the use of the machine)*

DRIVE

Forward and reverse	type	electronic on front wheel
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WHEELS

Front	Ømm	250	250	270	270	270
Rear	Ømm	300	300	300	300	300

BRAKES

Service brake	type	mechanic	mechanic	mechanic	mechanic	mechanic
Parking brake	type	mechanic	mechanic	mechanic	mechanic	mechanic

MACHINE DIMENSIONS (squeegee excluded)

Length	mm	1640	1640	1640	1640	1640
Width	mm	830	830	830	960	960
Height	mm	1400	1400	1400	1400	1400

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WEIGHT

Machine weight	kg	310	312	310	322	322
Machine weight with battery	kg	721	723	720	732	720
Weight of the machine ready to work, without operator	kg	837	839	835	848	847
Battery weight	kg	411	411	411	411	411

INSTRUMENTS

Solution on warning light	x	x	x	x	x
Solution low level warning light	x	x	x	x	x
Reverse travel warning light	x	x			
Battery warning light	x	x			
Display alarm and battery warning light			x	x	x
Emergency stop button	x	x	x	x	x
Speed switch	x	x	x	x	x
Brushes support pressure potentiometer			x	x	x
Forward & reverse travel selector switch	x	x	x	x	x
Vacuum switch	x	x	x	x	x
Brush switch	x	x	x	x	x
Horn	x	x	x	x	x

STANDARD EQUIPMENT

Squeegee	x	x	x	x	x
Brush support			x	x	x

OPTIONALS

Abrasive discs	x		x		x
(A) Disc brushes support	x				
(B) Roller brushes support		x			